



## NCDOT Prioritization 3.0 Project Summary

**SPOT ID:** H090002-AA

**Mode:** Highway

**Status:** Submitted

### I-26, US-19, US-23

**From/Cross Street:** North of I-240 in Asheville

**Specific Improvement Type:** 1 - Widen Existing Roadway

**To:** US 25

**Project Category:** Statewide Mobility

**Length:** 7.88

**TIP#:** A-0010AA

**Fully Funded in Draft STIP?** No

**Cost to NCDOT:** \$87,000,000

#### Description:

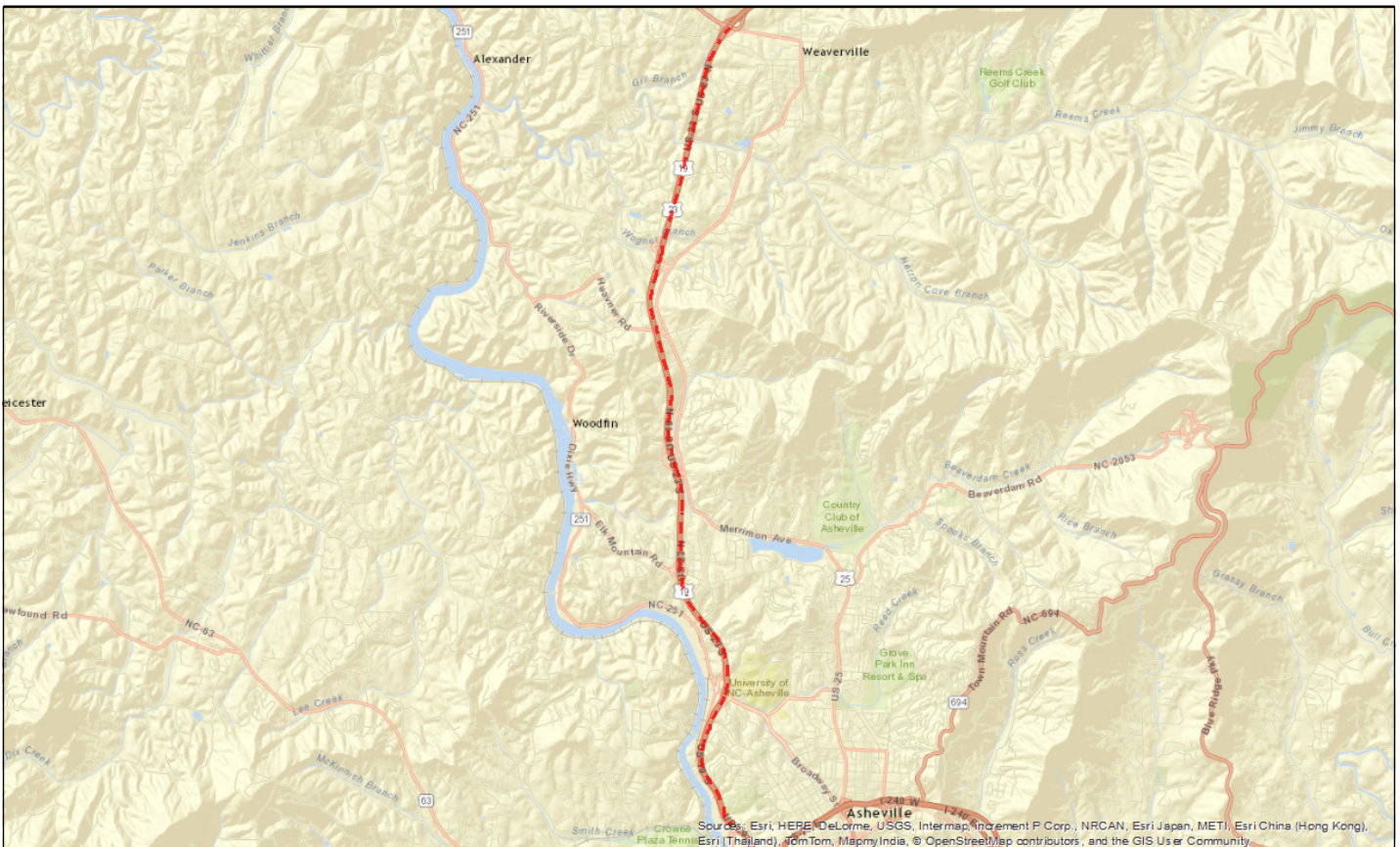
Upgrade Roadway to interstate Standards and Add Additional Lanes.

**Division(s):** Division 13

**County(s):** BUNCOMBE

**MPOS(s)/RPO(s):** French Broad River MPO

### Project Location



**Statewide Mobility Total Score: 28.82**

<b>Quantitative Score</b>	<b>Division Engineer Local Input Points</b>	<b>MPO/RPO Local Input Points</b>
Congestion (V/C) (30%) 63.44	N/A	N/A
Safety (10%) 55.13		
Multimodal + [Freight & Military] (20%) 13.21		
[Travel Time] Benefit/Cost (30%) 2.18		
Economic Competitiveness (10%) 9.78		
<b>Totals: Weight: 100% Weighted Score: 28.82</b>		

**Regional Impact Total Score: 53.64**

<b>Quantitative Score</b>	<b>Division Engineer Local Input Points</b>	<b>MPO/RPO Local Input Points</b>
Congestion (V/C) (25%) 63.44	Percent: 15% Points: 100	Percent: 15% Points: 100
Safety (10%) 55.13		
[Travel Time] Benefit/Cost (25%) 2.18		
Accessibility / Connectivity (10%) 17.21		
<b>Totals: Weight: 70% Weighted Score: 23.64</b>		

**Division Needs Total Score: 18.64**

<b>Quantitative Score</b>	<b>Division Engineer Local Input Points</b>	<b>MPO/RPO Local Input Points</b>
[Travel Time] Benefit/Cost (20%) 2.18	Percent: 25% Points: 0	Percent: 25% Points: 0
Congestion (V/C) (20%) 63.44		
Safety (10%) 55.13		
<b>Totals: Weight: 50% Weighted Score: 18.64</b>		

**Project Data \*****Existing Conditions**

Existing Cross-Section:	
Speed Limit:	59
Length (miles):	7.88
Facility Type:	Freeway
Access Control:	Full
Functional Classification:	Other Principal Arterial- Other Freeway
Terrain Type:	Rolling
Lane Width:	12
Paved Shoulder Width:	10
Roadway has Curb & Gutter?	No
Volume (AADT):	51629.55
Capacity:	72400.18
Volume/Capacity Ratio:	0.71
% Autos:	95%
% Trucks:	5%
Truck Volume:	2642.11
Crash Density:	66.77
Crash Severity:	60.44
Critical Crash Rate:	38.2
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	3
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	18
Existing Median Type (for Cost Estimation):	Divided
Pavement Condition Rating:	94
Actual Congested Speed:	56.67
Travel Time Index:	1.01

**Project Benefits**

Project Cross-Section:	8B - 8 Lane Divided (27' Median with Jersey Barrier with Paved Shoulders)
Speed Limit:	60
Length (miles):	7.88
Facility Type:	Freeway
Access Control:	Full
Functional Classification:	Interstate
TerrainType:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	10
Travel Time Savings for 30 Years (Total):	8434706.78
Travel Time Savings for 30 Years (Autos):	8003066.45
Travel Time Savings for 30 Years (Trucks):	431640.33
Long-Term Employment:	158
% Change in Economy:	3.76E-05
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 13

\* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT On!line tool and associated databases.

**Project Ownership****Division**

<b>Division</b>	<b>Percent</b>	<b>Regional Impact</b>	<b>Division Needs</b>
Division 13	100%	100	0
	0%	0	0
	0%	0	0
<b>TOTAL Division Points</b>		<b>100</b>	<b>0</b>

**MPO/RPO**

<b>MPO/RPO</b>	<b>Percent</b>	<b>Regional Impact</b>	<b>Division Needs</b>
French Broad River MPO	100%	100	0
	0%	0	0
	0%	0	0
<b>TOTAL MPO/RPO Points</b>		<b>100</b>	<b>0</b>

**Project Cost and Source**

Construction Cost:	\$86,000,000	TIP Unit
Right-of-Way Cost:	\$1,000,000	TIP Unit
Utilities Cost:	\$0	TIP Unit
Total Project Cost:	\$87,000,000	
Other Funding:	\$0	None
<b>Cost to NCDOT :</b>	<b>\$87,000,000</b>	